

Substitute form for form 1449A & 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	New filing
		Filing Date	New filing
		First Named Inventor	Younis
		Group Art Unit	New filing
		Examiner Name	New filing
Sheet 1 of 2	Attorney Docket No.	138-01 US	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,421,552		Hsieh	07-16-2002	
		5,671,263		Ching-Ming	09-23-1997	
		5,251,128		Crawford	10-05-1993	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in capital letters), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		Bresler et al., "Optimal interpolation in helical scan 3D computerized tomography", Proc Int Conference Acoustics Speech Signal Processing, vol. 3, pp.1472-1475, 1989.	
		Brink et al., "Helical CT: Principles and Technical Considerations", Radio Graphics, vol.14, No.4, pp. 887-893, July 1994.	
		Chiu et al., "Tomographic Reconstruction of Time-Varying Object from Linear Time-Sequential Sampled Projections", Proc. IEEE Conf. ASSP, Adelaide, 1, pp. V309-V312, 1994.	
		Crawford et al., "Respiratory Compensation in Projection Imaging using a Magnification and Displacement Model", IEEE TMI, 15(3), pp. 327-332. 1996.	
		Dhanantwari et al., "Correcting Organ Motion Artifacts in X-ray CT Medical Imaging Systems by Adaptive Processing (Part I: Theory)", Medical Physics J., 28 (8), pp. 1562-1576, August 2001.	
		Dhanantwari et al., "Correcting Organ Motion Artifacts in X-ray CT Systems Based on Tracking of Motion Phase by the Spatial Overlap Correlator (Part II: Experimental Study)", Medical Physics J., 28 (8), pp. 1577-1596, August 2001.	

		Kalender et al., "Spiral volumetric CT with single-breath-hold technique, continuous transport, and continuous scanner rotation", Radiology, vol. 176, pp. 967-982, 1990.	
		Morehouse et al., "Gated Cardiac Computed Tomography with a Motion Phantom", Radiol., 134(1), pp. 213-217, 1980.	
		Ritchie et al., "Predictive Respiratory Gating: A New Method to Reduce Motion Artifacts in CT Scans", Radiology, 190, pp. 847-852, 1994.	
		Sayed et al., "A State-Space Approach to Adaptive RLS Filtering", IEEE SP Mag. Pp. 18 – 60, July 1994.	
		Shepp et al., "The Fourier Reconstruction of a Head Section", IEEE Trans. Nucl. Sci., vol. NS-21, pp. 21-43, 1974.	
		Stergiopoulos, "Optimum Bearing Resolution for a Moving Towed Array and Extension of its Physical Aperture", JASA, 87(5), pp. 2128-2140, 1990.	
		Stergiopoulos, "Implementation of Adaptive and Synthetic-Aperture Processing Schemes in Integrated Active-Passive Sonar Systems", Proc IEEE, 86(2), pp. 358-396, February 1998.	
		Urban et al., "Detection of focal hepatic lesions with spiral CT: comparison of 4- and 8-mm inter-scan spacing". AJR 160, pp. 783-785, 1993.	
		Wang et al., "A Knowledge-based Cone-beam x-ray CT algorithm for Dynamic Volumetric Cardiac Imaging", Medical Physics, 29(8), pp. 1807-1822, August 2002.	

Examiner Signature		Date Considered	
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.